

Heads Up!

Division of Facilities, Engineering and Architectural Services

June 25, 2010

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GA VALUES

*Leadership
*Collaboration

*Accountability
*Foresight

*Stewardship
*Integrity

*Partnership

E&AS' MISSION

E&AS is committed to using our professional expertise, knowledge, and skills to meet the needs of our customers.

E&AS' STANDARDS

E&AS builds public facilities that are: of enduring quality, energy efficient, environmentally conscious, operationally effective, and universally accessible.

Reminders:

- **July 12** – Temporary Lay-Off

PROJECT OF THE WEEK - EDMONDS COMMUNITY COLLEGE/MEADOWDALE HALL RENOVATION

Linda Colasurdo, Project Manager



DLR Group's design recasts the existing 1974 bunker-like concrete structure as an invitingly open learning lab environment. Sustainable design and construction strategies provide students and faculty with a healthy environment targeting LEED Silver certification (currently under USGBC review).

The renovated Meadowdale Hall supports Edmonds Community College's commitment to excellence in arts and engineering education on campus. For this renovation, Edmonds Community College envisioned creating bright, flexible and collaborative learning environments. The project budget was \$9.2M, was constructed by Ebenal General Inc. and reached substantial completion on March 5, 2010.



The scope of renovations to the 38,000 SF Meadowdale Hall focused on new and upgraded electrical, mechanical, plumbing and fire protection systems. The scope further encompassed the reconfiguration of all interior spaces; exterior upgrades; and seismic upgrades.

The team arrived at a solution that fully enclosed the existing upper and lower level exterior walkways wrapping around the building. This enclosure simultaneously provided additional program space and new exterior glazing allowing daylight into the building. Leaving the building systems exposed provided both cost savings and educational opportunities for engineering students. This design choice further took advantage of the spaces' 15' high ceilings to make the environment feel more open to users. With daylight harvested through the new exterior wall windows, and borrowed through relights in faculty offices, users benefit from an open, energized sense of space with visual connection to and from the campus.

With focus on adaptive re-use, the project team used every opportunity to extend the value and use of existing building elements in the renovation scheme. This approach led to a design solution that employs an absolute minimum of materials and construction while effecting dramatic programmatic improvements.



POLICY AND PROCEDURE UPDATES

Director Joyce Turner approved updates to GA's Domestic Violence Policy/Procedure and Safe and Secure Workplace Policy. Information regarding these updates can be found on GA's [New, Recently Revised, or Recently Retired Policies](#) web page.

These updates should not require any process changes.

The updates simply aligns policies and associated procedures with our current practices. No operational changes were made.

SAFETY, HEALTH, AND WELLNESS CORNER

Protect Your Back

Back disorders are listed in the "top ten" leading workplace injuries published by the National Institute of Occupational Safety and Health. They account for 27 percent of all nonfatal injuries and illnesses involving days away from work.

While Lifting:

1. Don't bend over an object you are lifting. Bend your knees, squatting in front of the object to reach it.
2. Lift the object slowly and carefully, using your leg and arm muscles to lift, not pulling with your back.
3. Keep your head up and look straight ahead while making the lift.
4. While lifting, keep the object as close to your body as possible.
5. Keep abdominal muscles tight while making the lift.
6. Use the same techniques when you put the object down.
7. If the object is too big or too heavy to lift using these techniques, use mechanical assistance or get someone else to help.

When Reaching for Objects:

1. Do not reach for an object unless you're sure you're strong enough to lift it.
2. Use a step ladder to reach objects above shoulder height.
3. Avoid awkward stretches while reaching. These stress your back and could cause you to lose your balance.
4. Don't depend on structures to support you (e.g., a shelf support, a storage rack, etc.). These could easily give way if you pull or tug on them.

ROBERT (JUST CALL ME BOB) JOHNSON IS RETIRING – JULY 30

Bob has been a fixture within the Energy Program since 2001. Prior to joining the team at GA, Bob worked for the State Energy Office, Washington State University Cooperative Extension, and the Department of Corrections. Wherever Bob has worked, he's brought a dedication to the client, an outstanding work ethic, and a really great attitude.

Bob graduated from the University of Minnesota with a degree in mechanical engineering. As a kid he went to school in a one room school house on the edge of the Minnesota prairie. When he got to the high school curriculum, (still in the same school) he took on the job of making sure the school room furnace was stoked each morning prior to the school day. At the end of the day, he'd haul fuel for the next day's firing.

Bob worked approximately 25 years in private consulting before coming to work for the state. He started his state career with the State Energy Office where he learned to be an Energy Bozo. Today he's accumulated over 22 years of experience in the energy field. In all that time, he's seen or done almost everything (twice). His energy colleagues, the Energy Service Companies, and especially GA's public-sector clients constantly rely on Bob for sage advice and practical engineering experience.

Although we will all miss Bob, he has worked hard his entire career and has earned the opportunity to enjoy time with his family and grandchildren. Please join the Energy Program in wishing Bob all of the best in his retirement.

CAUSE FOR APPLAUSE

Thank you to all staff members who participated in the potluck last Friday. There was plenty of delicious food. Hopefully those of you who couldn't make last week will attend our Annual Picnic on August 13, mark your calendars. See you there.

MINORITY AND WOMEN BUSINESS ENTERPRISE (MWBE) ARCHITECTS AND ENGINEERS

This week's featured M/WBE design firm is **3D InFusion, Inc.** Please read the information below. *For more information about this firm visit their website.*

Owner/Contact

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Please follow the link: www.3dinfusion.com

Introduction/Firm Overview

CAD drafting and Architect/Engineering/Construction Support Services

3D InFusion is a Portland, Oregon based successful small business that helps facilities and infrastructure owners, as well as the A/E/C (architecture, engineering & construction) community in creating, maintaining and updating CAD drawings and maps using AutoCAD and MicroStation platforms. We extensively use Internet media and technologies to communicate, collaborate and deliver our services.

Number of Employees: 1 fulltime – 2 part-time

Certification Number: D4M7218480 (MBE & DBE)

Firm/Staff Accreditations and Professional Licensing: Licensed and formerly registered Architect (State of New York)

Clients Short List

1. ODOT (Oregon Dept. of Transportation) with various A/E Firms
2. Port of Portland with Hoffman Construction
3. City of Portland with Kiewit Construction and Cornforth Consultants
4. TriMet with CH2MHILL, GreenWorks, David Evans & Associates
5. Providence Health System